

### *Amendments to the Specification*

Please replace pending paragraph [0043] with the following paragraph [0043]:

In step 408, sensor signals for engine performance related parameters, acquired in step 402, are compared to engine diagnostic data 410 and engine power available data and engine health data are computed. How to combine engine performance related parameter sensor signals and compare them to referred engine diagnostic data to determine the health and power available from an engine is known to persons skilled in the relevant art(s). Referred engine diagnostic data values are a measure of the deviation between accepted engine parameter curves representing the functional relationships between various turbine engine performance parameters and actual engine parameter curves. See, for example, U.S. Patent No. 5,018,069, issued May 21, 1991 to James L. Pettigrew, which is incorporated herein by reference in its entirety. U.S. Patent No. 5,018,069 also teaches and describes how to generate the data referred to herein as engine diagnostic data 410.

Please replace pending paragraph [0047] with the following paragraph [0047]:

In embodiments, hazard warnings are generated in step 416 based on predictions, for example, that one or more limitation values will be exceeded. These predictions are made ~~[[use]]~~ using real time sensor signal values acquired in step 402 and a determined rate of change of selected sensor signals. These warnings are displayed in step 426, thereby allowing aircrew members to take corrective actions.